

# Vaibhav Sathe

Full Stack Developer | MERN | JavaScript | Node.js  
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## CAREER OBJECTIVE

Aspiring Full-Stack Developer with hands-on experience in building and deploying web applications using JavaScript, React, Node.js, Express.js and both SQL/NoSQL databases. Proven ability to create robust back-end APIs and dynamic front-end interfaces, demonstrated through hackathon successes and a comprehensive expense-tracking project. Eager to contribute to a collaborative team and apply my problem-solving skills to real-world challenges.

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## EDUCATION

**Ballarpur Institute Of Technology**  
B.Tech in Computer Science & Engineering

**Ballarpur, Maharashtra**  
*Expected Graduation: May 2026*

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## TECHNICAL SKILLS

- **Programming Languages:** JavaScript (ES6), SQL, HTML5, CSS3, Java (Core, OOP).
  - **Frontend:** React.js, Redux Toolkit, Axios, Tailwind Css.
  - **Backend:** Node.js, Express.js, Mongoose, Multer, Cloudinary, Socket.io, MongoDB.
  - **Databases:** MySQL, PostgreSQL, MongoDB.
  - **Developer Tools:** Git, GitHub, Postman, VS Code, IntelliJ IDEA, Eclipse.
  - **Core Concepts:** Data Structures, Algorithms, Object-Oriented Programming (OOP), SDLC.
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## PROJECTS

**Trip Expense Tracker** | [GitHub](#) | A full-stack web application designed for groups to collaboratively track, manage, and settle shared expenses in real-time.

- Developed a secure RESTful API with **over 15 endpoints** using Node.js and Express.js to handle user authentication, trip management, and all CRUD operations.
  - Implemented **JWT (JSON Web Token)** based authentication and authorization to secure user data and protect application endpoints.
  - Engineered a dynamic and responsive front-end with **React.js**, utilizing **React Hooks** for state management to provide users with a real-time dashboard of balances and transaction histories.
  - Integrated a robust file upload system using **Multer** for server-side processing and the **Cloudinary** API for cloud-based storage and delivery of expense receipts.
  - Designed and managed the relational database schema in **MySQL**, ensuring data integrity across all user, trip, and transaction records.
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## ACHIEVEMENTS & CERTIFICATIONS

- Winner of **Blind C Coding** organized by **CESA Department of Computer Engineering at Ballarpur Institute of Technology**.
- Finalist, HackYourPath6.0 hackathon at HITAM.
- Finalist, Central India Hackathon 2.0 (CIH2.0).